



**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Docket No. Q67501

In re application of

Bum-soo KIM, et al.

Appln. No. 10/029,966

Confirmation No. 5429

Filed: December 31, 2001

Group Art Unit: 2186

Examiner: Hong Chong Kim

For: FLASH MEMORY MANAGEMENT METHOD

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed after the later of three months from the application's filing date and the mailing date of the first Office Action on the merits, but before a Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution in the application (whichever is earlier), and therefore Applicant is filing concurrently herewith a Statement Under 37 C.F.R. § 1.97(e). No fee under 37 C.F.R. § 1.17(p) is required.


INFORMATION DISCLOSURE STATEMENT  
U.S. Application No. 10/029,966  
Attorney Docket No. Q67501

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of PCT WO 99/21093 which corresponds with JP 2001-521220. Applicant also encloses herewith a copy of JP 10/040175, JP 09-097205, JP 07-154870, JP 05-241741 and JP 05-282889 each with an English Language Abstract.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

  
Lenny R. Jiang  
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WASHINGTON OFFICE

23373  
CUSTOMER NUMBER

Date: January 10, 2005



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**STATEMENT UNDER 37 C.F.R. § 1.97(e)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned hereby states, upon information and belief:

That each item of information contained in the Information Disclosure Statement filed concurrently herewith was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of said Information Disclosure Statement.

Respectfully submitted,

Lenny R. Jiang  
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Substitute for Form 1449 A &amp; B/PTO

Complete if Known

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	10/029,966
Confirmation Number	5429
Filing Date	December 31, 2001
First Named Inventor	Bum-soo KIM
Art Unit	2186
Examiner Name	Hong Chong Kim
Attorney Docket Number	Q67501

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials <sup>3</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>3</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
		WO	99/21093	A1	04-29-1999	M-SYSTEMS FLASH DISK PIONEERS, LTD.	Corresponds to 2001-521220
		JP	2001-521220	A	11-06-2001	M-SYSTEMS FLASH DISK PIONEERS, LTD.	Corresponds to 99/21093
		JP	10-040175	A	02-13-1998	CANON, INC.	Abstract
		JP	09-097205	A	04-08-1997	CANON, INC.	Abstract
		JP	07-154870	A	06-16-1995	SHARP, CORP.	Abstract
		JP	05-241741	A	09-21-1993	INTEL, CORP.	Abstract
		JP	05-282889	A	10-29-1993	TOSHIBA, CORP.	Abstract

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials <sup>3</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature

Date Considered

<sup>3</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.